| Under the P | aperwork Reduction Act of 1995, no persons are requi | U.S. Pate red to respond to a collect | ent and Trademark Office, U. | S. DEPARTME | NT OF COMMERCE | | | | | | |
|---|--|--|--|-------------------------|----------------|--|--|--|--|--|--|
| | UTILITY | Attorney Doc | TI 0500 | TI-35282 | | | | | | | |
| Р | ATENT APPLICATION | First Inventor | Agrawal | Agrawal et al. | | | | | | | |
| • | TRANSMITTAL | Title | CYCLE RE | CYCLE REACY CIRCUIT FOR | | | | | | | |
| (Only for n | ew nonprovisional applications under 37 CFR 1.53(b)) | Express Mail | Label No. EV3175 | 55585U | 5 % | | | | | | |
| See MPEP o | APPLICATION ELEMENTS hapter 600 concerning utility patent application content | s. ADDRESS | TO: Commissions P.O. Box 145 | | 3970 | | | | | | |
| 2. Gsubmit | ad armogenerist set Borth below) richote tiller of the invitority tille | 8. Nucleon 1 | Computer Program (Appendix) S. Nucleated and/or Anino Actd Sequence Submission (if applicable, all necessary) a. Computer Reader Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS ACCOMPANYING APPLICATION PARTS ACCOMPANYING SPECIATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Altorney Information Disclosure Copies of ItS (Italians) Copies of ItS (Italians) Copies of ItS (Italians) Certified Copy of Priority Document(s) Certified Copy of Priority Document Copy of Priority | | | | | | | | |
| o Appl | Cation Data Sheet. See 37 GFR 1.70 | 17. 🗀 0 | 17. U Other: | | | | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: | | | | | | | | | | | |
| Continuetion Divisional Continuation-in-part (CIP) of prior application No.: | | | | | | | | | | | |
| Prior application information: Art Juni: For CONTINUATION OF DIVISIONAL APPS only. The entire disclosure of the prior application, from which an eath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gain only be relied upon when a portion has been inadventify omitted from the submitted application parts. | | | | | | | | | | | |
| | 19. CORRE | SPONDENCE ADD | RESS | | | | | | | | |
| ☑ Customer Number: 23494 OR ☐ Correspondence address below | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| Address | Rose Alyssa Keagy, Esq. | | | | | | | | | | |
| City | | State | | Zip Code | | | | | | | |
| Country | | Telephone (97 | 2) 917-4167 | Fex | (972)917-4418 | | | | | | |

Name (Print/Type) Thomas G. Eschweiler Registration No. (Attorney/Agent) Date 9/16/20

Signature Date 9/16/20

This collection of information is required by 37 CPR 1.53(b). The information is required to obtain or retain a benefit by the public which is of tile (and by he public which is of tile



PTO/SB/17 (01-03) Approved for use through 04/30/2003. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known FEE TRANSMITTAL Application Number Filing Date for FY 2003 Agrawal et al. First Named Inventor Effective 01/01/2003. Patent fees are subject to annual revision. Examiner Name

| Applicant claims small entity status. See 37 CFR 1.27 | | Art U | nit | | { | | | | | |
|---|-----------------------------|--|-------------|-------------|---|---------|--|--|--|--|
| TOTAL AMOUNT OF PAYMENT (\$) 916.00 | | Attorr | ney Do | cket N | lo. Ti-35282 | | | | | |
| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | | | | | |
| Check Credit card Money Other None | 3. ADDITIONAL FEES | | | | | | | | | |
| Deposit Account: | Large Entity Small Entity | | | | | | | | | |
| Deposit | Fee Cod | Fee e (\$) | Fee Code | Fee (\$) | Fee Description | ee Paid | | | | |
| Account Number 20-0668 | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | | | | | |
| Deposit Account TEXAS INSTRUMENTS INC. | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | |
| Name The Commissioner is authorized to: (check all that apply) | 1053 | 3 130 | 1053 | | Non-English specification | | | | | |
| Charge fee(s) indicated below Credit any overpayments | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | | | | | |
| Charge any additional fee(s) during the pendency of this application | 1804 | 920* | 1804 | | Requesting publication of SIR prior to Examiner action | | | | | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | | | | |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Extension for reply within first month | ł | | | | |
| 1. BASIC FILING FEE | 1252 | 410 | 2252 | 205 | Extension for reply within second month | | | | | |
| Large Entity Small Entity | 1253 | 930 | 2253 | 465 | Extension for reply within third month | | | | | |
| Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | | | |
| 1001 750 2001 375 Utility filing fee 750.00 | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | | | | | |
| 1002 330 2002 165 Design filing fee | 140 | 320 | 2401 | 160 | Notice of Appeal | | | | | |
| 1003 520 2003 260 Plant filing fee | 1402 | 320 | 2402 | 160 | Filling a brief in support of an appeal | | | | | |
| 1004 750 2004 375 Reissue fling fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | | | | | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | | | | |
| SUBTOTAL (1) (\$) 750.00 | 1452 | 2 110 | 2452 | 55 | Petition to revive - unavoidable | | | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | | | | | |
| Fee from | | 1,300 | 2501 | | Utility issue fee (or reissue) | | | | | |
| Total Claims 27 -20** = 7 x 18.00 = 126.00 | 1502 | | 2502 | | Design issue fee | | | | | |
| Independent 3 av V84.00 | 1500 | | 2503 | | Plant issue fee | | | | | |
| Claims Author Dependent | 1460 | | 1460 | | Petitions to the Commissioner | | | | | |
| Large Entity Small Entity | 1807 | | 1807 | | Processing fee under 37 CFR 1.17(q) | | | | | |
| Fee Fee Fee Fee Fee Description Code (\$) Code (\$) | 1806 | | 1806 | | Submission of Information Disclosure Stmt Recording each patent assignment per | 40.00 | | | | |
| 1202 18 2202 g Claims in excess of 20 | 8021 | | 802 | | property (times number of properties) | 40.00 | | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | | | | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | | | | | |
| 1204 84 2204 42 ** Reissue independent claims over original patent | 180 | 1 750 | 2801 | 375 | Request for Continued Examination (RCE) | | | | | |
| 1205 18 2205 g ** Reissue claims in excess of 20 and over original patent | 1800 | 900 | 1802 | 900 | Request for expedited examination of a design application | | | | | |
| SUBTOTAL (2) (\$) 126.00 | Othe | Other fee (specify) | | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above | *Re | Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) | | | | 0.00 | | | | |
| SUBMITTED BY (Complete (# applicable) | | | | | | | | | | |

Registration No. 36,981 Name (Print/Type) Thomas 6. Eschweiler Telephone (216) 502-0600 9/16/03 WARNING: Information on this form may become public. Credit card information should not

be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the

USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.